

JULY 12, 2019

MORGAN CREEK GREENWAY

BID DATE: JULY 25, 2019

ADDENDUM 1

NOTE: A REVISED PROJECT MANUAL HAS BEEN ISSUED AS PART OF THIS ADDENDUM. THE REVISED PROJECT MANUAL IS DATED JULY 12, 2019, AND MUST BE USED FOR THE SUBMITTAL OF THE BID ON JULY 25, 2019.

NOTE: TO CLARIFY PROJECT INTENT THAT DIFFERS FROM THE NCDOT STANDARD SPECIFICATIONS, A PARAGRAPH WAS ADDED TO THE PROJECT SPECIAL PROVISIONS – GENERAL. THE NEW PARAGRAPH IS PROVIDED BELOW:

THE BID FORM HAS BEEN DEVELOPED TO ESTABLISH PAY ITEMS FOR MAJOR WORK THAT WILL BE REQUIRED TO COMPLETE THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT ALL PROJECT COSTS ARE INCLUDED IN THE BID ITEMS INCLUDED IN THE BID FORM. WITH THE EXCEPTION OF EXTRA WORK (AS APPROVED BY THE TOWN PER NCDOT STANDARD SPECIFICATION 104), NO ADDITIONAL BID ITEMS WILL BE INCLUDED IN THIS PROJECT.

NOTE: TO CONFIRM RECEIPT OF THIS ADDENDUM, THE BIDDER SHALL SIGN BELOW AND RETURN THE SIGNED COPY WITH THE BID:

BIDDER: _____

BIDDERS QUESTIONS AND TOWN RESPONSES ARE ON THE FOLLOWING PAGES:

QUESTION: Can the minutes from the first pre-bid meeting be released and posted in the next addendum?

RESPONSE: The former bid was cancelled, the former pre-bid is irrelevant.

QUESTION: Can a CAD file be provided so we can figure the dirt quantities for the project

RESPONSE: Yes – a CAD file is posted on the Town's web site with the Project Information.

QUESTION: Is it possible to have the bid form put in an excel format

RESPONSE: Yes – an excel file is posted on the Town's web site with the Project Information. This may be used as a worksheet, as the original Bid Form included in the Project Manual must be used to submit the Bid.
Only hardcopy completed bid forms can be accepted.

QUESTION: Can a detail of the weir be supplied, how thick is the concrete? There is curb shown on the plans but no detail on how it is to look.

RESPONSE: The weirs will be 6" thick as shown on the detail on Sheet CD 8.1. The curb should be similar to a standard NCDOT curb which is 6" wide and 6" high, and poured integrally with the concrete below it.

QUESTION: What is the color of the weir concrete and does the color go across the concrete trail also, color type need to be provided, the more dye needed the more expensive the concrete. Color is noted on page 9-CD8.1

RESPONSE: No color additive is required.

QUESTION: Please verify that the intent of the concrete weir is to have water flow over the concrete trail and not under the trail

RESPONSE: Confirmed – the weir will carry water over the trail.

QUESTION: The undercut shown on CD-6.4 for the retaining wall #1 footer, is this undercut paid under item #3 undercut excavation item

RESPONSE: The Bid Item "Undercut" will be used for this Undercut, if needed.

As a clarification, Special Provisions for Grading and Undercut have been included in Project Special Provisions – General. The Special Provisions are provided below:

GRADING

(Town of Carrboro, 7/10/2019)

Grading shall be performed and paid in general conformance with NCDOT Standard Specification 226. In addition, Grading shall be used for all excavation required as shown on the approved plans. For example, excavation to the subgrade of a roadway or the bottom of a wall footing shall be included in the Grading Bid Item. If unsuitable soils are identified below that elevation, the Undercut Bid Item shall be utilized (as directed during construction) to remove unsuitable soils and replace with suitable materials.

UNDERCUT

(Town of Carrboro, 7/10/2019)

Undercut shall be performed and paid in general conformance with NCDOT Standard Specification 226. In addition, Undercut shall be used for any excavation required below the grading limits that are shown on the approved plans. Note: Excavation that is shown on the approved plans shall be included in "Grading" (see Special Provision "Grading"). For example, excavation to the subgrade of a roadway or the bottom of a wall footing shall be included in the Grading Bid Item. If unsuitable soils are identified below that elevation, the Undercut Bid Item shall be utilized (as directed during construction) to remove unsuitable soils and replace with suitable materials. When directed on the plans, such as under the retaining walls, a specific material shall be used as the replacement for the unsuitable soils. In other locations that are not so specified, the Contactor may use suitable soils as the replacement material.

QUESTION: The backfill for the undercut mentioned above there is a note on sheet CD 6.4 to use clean stone, how will this stone be paid?

RESPONSE: Per Special Provision "Undercut" and NCDOT Standard Specification Section 226, the Undercut Item shall include the cost of the replacement material.

QUESTION: Is there a geotechnical report available for this project

RESPONSE: Yes – the Geotechnical Report is included in the Project Manual (see Appendix D).

QUESTION: Are there time restrictions for closing a lane on Public works drive

RESPONSE: No – any lane closure on Public Works Drive shall be coordinated with the Town, and 1 lane of traffic (minimum 12' wide) shall be maintained at all times. The lane shall only be closed during construction activities in the immediate area that specifically require the closure.

QUESTION: It looks like we will need temp shoring along public works drive during the excavation phase for the footers for the wall, can a shoring item be added to the bid? By dot specs if shoring is needed to hold up a road there should be a pay item for it

RESPONSE: Temporary Shoring has not been included in this bid. Required shoring will be included in the cost of the Project.

Note: Approximately 20' appears to be available between the excavation of the pile caps/wall footings and the maintenance of the drive lane that must be kept open. With a 10' deep excavation, this should be adequate for proper excavation slopes without additional shoring.

QUESTION: Can public works drive be narrowed down with the use of barrier wall, this may be needed to protect the drop off when the guardrail is removed, can an item be added for the temp barrier?

RESPONSE: Temporary barriers have not been shown on the approved plans. However, a Bid Item has been added for "Water-Filled Barriers", and a Special Provision has been included in Project Special Provisions – General. The Special Provision is provided below:

WATER-FILLED BARRIERS
(Town of Carrboro, 7/10/2019)

Water-filled Barriers shall be provided and paid in general conformance with NCDOT Standard Specification 1170. Water-filled Barriers shall be utilized as approved during the construction of the Project, per direction of the Town. The intent of the use of Water-filled Barriers is the protection of the Work Zone from traffic on Public Roadways during construction activities near the Public Roadways.

QUESTION: Can a section of the public works yard be used as a laydown area/crane pad

RESPONSE: Sections of the Public Works (Town) property may be used by the Contractor, as coordinated with the Town and with the requirement that the areas are properly protected. Town Operations must not be impacted by the Contractor.

QUESTION: When is the last day for questions?

RESPONSE: Monday, July 1, 2019 was the last day to submit questions, as described in the Invitation for Bids published June 24, 2019.

QUESTION: What type of wood are the 6" x 6" post to be made of

RESPONSE: The 6" X 6" Sign Posts shall be wooden posts, per NCDOT Standard Specifications 1082-3 and 1082-4.

QUESTION: According to Section 3 Field Exploration S&ME conducted soil test borings in locations where the bridge, boardwalk and retaining wall locations. Please confirm that there are no bridge and boardwalk locations in Phase 1 construction.

RESPONSE: Confirmed.

QUESTION: As to the geological report contained in the bid documents, in Section 6.3 Excavations on page 6 of the report, it is suggested that within the upper 5 feet of any boring locations partially weathered or hard rock materials were not encountered. This leads the soils engineers to conclude that mass rock removal via ripping or blasting is not anticipated at this site. Understand this is applicable for most of the Phase 1 area except possibly at the deeper excavations for the retaining wall footings. In the event that rock is encountered in deeper excavations and rock removal is required through methods alluded to, will the contractor be compensated additionally through a change order?

RESPONSE: The Geotechnical Report is provided for the Contractor, and it is the Contractor's responsibility to interpret the Report. Bid Item #4 – Grading shall include all grading to the subgrades required by the Plans and Specifications. No additional payment shall be provided for this work.

QUESTION: According to Section 6.8 Deep Foundation Recommendations on page 9 of the report, the soils investigation mentions that the drivability and pile imbedment will be difficult to achieve below a depth of approximately 13 feet below existing ground surface where partially weathered rock and auger refusal materials were encountered. Please confirm the recommendation that a rock auger will be required for the piling construction.

RESPONSE: The installation of steel piles should be included in Bid Item "HP 14 X 120 Steel Piles". The installation is a "means and methods" issue, and shall be determined by the Contractor. To clarify Project intent that differs from the NCDOT Standard Specifications, a Special Provision has been included in Project Special Provisions – General. The Special Provision is provided below:

HP 14 X 120 STEEL PILES
(Town of Carrboro, 7/10/2019)

HP 14 X 120 Steel Piles includes installation of the steel piles in general conformance with NCDOT Standard Specification 450, including the steel pile, encasement, and excavation (drilling) in the soils and the rock. Reinforcing Steel shall be paid by Bid Item "Reinforcing Steel" and the concrete encasement of the steel pile shall be paid by Bid Item "Class AA Concrete".

QUESTION: Section 6.6 Lateral Earth Pressures, Page 7 of the report states the concern that the CIP walls be designed to withstand loading from lateral earth pressures from surrounding soil and surcharge load from nearby footing, or vehicle traffic, as appropriate. Due to the deep excavation in the vicinity of the roadway, would the Town of Carrboro consider adding a bid item to the proposal for sheet piling in the area adjacent to the roadway to the Public Works Department? This would also provide a safer work environment within the excavation itself.

RESPONSE: The walls have been designed to address the design loading. The construction of the walls is the responsibility of the Contractor, along with the safety during the construction process. All costs should be included in the cost of the Project.

QUESTION: Is there a concern that a conflict may arise between the wall footing, pile casing, and possibly the existing headwall in the area of the twin 7' CMP? What will be the plan if this condition materializes?

RESPONSE: If unanticipated conditions are discovered during construction, they will be evaluated and addressed at that time.

QUESTION: Are there underground utilities that can be identified on the south side of the TOC Public Works Roadway that may possibly conflict with construction in the area of the retaining wall/twin 7' CMP?

RESPONSE: No utilities have been located along this corridor. Utility location prior to construction is the Contractors responsibility per NCDOT Standard Specification Section 105-8.

QUESTION: Can the distance from the back of the existing headwall to the back of curb on the roadway be verified?

RESPONSE: The distance between the headwall and the existing back-of-curb is approximately 11.25' to 11.5'.

QUESTION: Can you clarify the traffic management details that you have in mind for the Public Works Roadway that allows for the protection of vehicular and construction traffic and personnel? Will concrete barriers or work zone barricades or a combination of devices be used? Please specify.

RESPONSE: The Contractor is responsible for the safety of the Project, and should provide all necessary measures. A Bid Item has been added for "Water-Filled Barriers", and a Special Provision has been included in Project Special Provisions – General to provide Water-filled Barriers during construction as directed.

QUESTION: Can the rear of the public works area be used for storage/lay down area?

RESPONSE: See answer above.

QUESTION: Can we access the project on the north side of Morgan Creek from Abbey Lane?

RESPONSE: General construction access will be from the Smith Level sections of the Project. Abbey Lane may be used only for the access improvements in that specific vicinity.

QUESTION: Are there any restrictions for concrete delivery to the trail from the Abbey Lane access? Any concerns about the sewer right of way, etc.?

RESPONSE: General construction access will be from the Smith Level sections of the Project. Abbey Lane may be used only for the access improvements in that specific vicinity. The sewer easement may be used for access, and will be crossed by the Project. The Contractor is responsible for the protection of the sewer mains along the Project. Some of these mains are not very deep, and may require additional cover of plating during construction. **ANY DAMAGE TO THE SEWER SYSTEM SHALL BE CORRECTED (REPAIRED OR REPLACED PER OWASA REQUIREMENTS) BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.**

QUESTION: Will a registered land surveyor be required or can the contractor self-perform any layout requirements?

RESPONSE: Per NCDOT Standard Specification Section 801, both personnel under the direct supervision of the Contractor's Project Engineer and a North Carolina Licensed Surveyor in accordance with G.S. 89C are acceptable for this work.

QUESTION: Understand from the prebid that there are no cross sections available. What does the Town have in mind for grading of the path and integration into the existing ground topography?

RESPONSE: Much of the greenway is planned to be installed "at grade". Most of these sections also require a berm and drainage swale on the upstream side of the greenway. Grades in these sections should generally be tied back to existing grades with minimal grading. Contour lines are provided in greenway locations that are not planned "at grade". Contour lines should provide the direction needed for this grading.

QUESTION: What are the soils compaction requirements? Is testing required and if so, whose responsibility is it to pay for the service?

RESPONSE: Detail 3 on Sheet CD-8.1 provides compaction requirements for the subgrade and base course under the greenway. The NCDOT Standard Specifications provide compaction requirements for roadway sections such as the Public Works entrance drive.

QUESTION: Will the Town of Carrboro Public Works Sign be relocated using existing materials? Are there any electrical lighting associated with the relocation? Understand the relocation will be close to where sign is presently located.

RESPONSE: The existing sign will be relocated and stored during construction, and returned to a location (near the original) when the construction in that area is completed. There is no lighting to relocate.

QUESTION: Can you send include an excel spreadsheet with the bid items which can be submitted?

RESPONSE: See answer above.

QUESTION: Are the bidders required to submit the entire contract proposal? If so, should the soils report be required to be submitted as well?

RESPONSE: Per instructions in the Notice To Bidders, "The Bid Form furnished by the Town of Carrboro with the Proposal shall be used and shall not be altered in any manner."

QUESTION: Understand self-performance requirements are NCDOT requirements. Please confirm.

RESPONSE: Contractor shall self-perform components of the Project as described by Section 108 of the NCDOT Standard Specifications.